

United States Patent [10]

Chaykovsky et al.

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[54] 5,7-DINITRO-5,7-DIAZA-1,3-DIOXABICYCLO(3:3:0)OCTAN-2-ONE

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[56] Field of Search 548/303.1

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U.S. PATENT DOCUMENTS

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[57] ABSTRACT

5,7-Dinitro-5,7-diaza-1,3-dioxabicyclo[3:3:0] octan-2-one is an explosive which is comparable in energy (detonation pressure) to RDX but which has an impact sensitivity comparable to TNT. It is prepared by condensing one mole of methylenedinitramine with one mole of 4,5-dichloro-1,3-dioxolan-2-one.

1 Claim. No Drawings